



## Standpipe and Document Submittal Requirements

### Comply with 2015 IFC and 2016 NFPA 14

- 1) Name of Owner and/or Occupant
- 2) Location, Include correct Street Address (application, drawings and Harris County must match)
- 3) Name, Address & Phone Number of Installing Company
- 4) Name, Address & Phone Number of R.M.E. or P.E. if other than installing company
- 5) Point of Compass
- 6) Location of Partitions, Fire Walls And Horizontal Exits w/ Fire Hose Valves per code
- 7) Pipe sizes: Mains, Risers (minimum 4", for combined systems minimum 6") & manufactory spec sheets
- 8) Type and class of Standpipe Systems
- 9) Complete runout on the floor plans connecting all required Risers & Fire Dept. Connection (FDC)
- 10) Control Valves on each Riser located at the lowest level
- 11) Minimum 2" drains (separate from 3" sprinkler drain) at the bottom of each riser (for isolation) draining to the exterior of the bldg. or to an approved floor drain that can accommodate both the standpipe drain and the sprinkler drain if needed
- 12) Include bldg. exterior elevations from grade
- 13) Size, Location and piping arrangements for water supply w/ flow test and all other details necessary to establish compliance with the National Standards, IFC & NFPA 14
- 14) Fire Hose Valve Diagram, if bldg. is 100% sprinkled use 2 ½" x 1 ½" reducer w/ cap & chain (either on the main landing or the intermediate) unobstructed
- 15) Provide a riser diagram:
  - a) Pipe Size
  - b) Control valves
  - c) Drains
  - d) PRV's if needed & settings
  - e) 3 ½" spring gauge w/ petcock top of each riser w/ Minimum 100 psi
  - f) FHV's
  - g) FDC's
- 16) Diagram of fire hose cabinets if needed
- 17) Roof manifold if roof slope requires
- 18) If 100 psi cannot be reached and maintained then a Fire Pump will be required. Pump Size will be determined by the number of standpipe risers required. If Electric Fire Pump involved provide From the Power Company a 24 month power outage report
- 19) Site plan showing streets, FDC's facing street or an approved Fire lane also show fire hydrants (within 100 ft. of FDC) 2016 NFPA 14 sec 6.4.5.4.
- 20) Signage per 2016 NFPA 14 sec. 6.4.5.2 thru 6.4.5.2.2